

REMARKS

The above amendments are made to make reference to the priority PCT application, and to eliminate multiple dependent claims.

Also, please do not enter any amended pages submitted under Article 34. This Preliminary Amendment conforms the claims to those considered in the International Preliminary Examination Report.

Entry of this Amendment prior to calculating the filing fee is respectfully requested.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,



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NEW/djb

**MARKED-UP VERSION OF REPLACEMENT CLAIMS**

Please replace claims 5, 6, 8 and 10 with the similarly numbered claims below:

5. (Amended) Apparatus as claimed in claim 4~~either of claims 3 or 4~~, wherein said sensor and reference element are connected in series by respective pairs of said diametrically opposed connection points, and said means for monitoring is arranged to determine the ratio of the resistances of said elements.

6. (Amended) Apparatus as claimed in claim 5~~as dependent on claim 4~~, wherein said means for monitoring is arranged to drive a current through said series connected elements and to pick off voltage values from the various connection points.

8. (Amended) Apparatus as claimed in ~~any of claims 2 to 7~~, wherein said elements are coaxially spaced apart by a spacer ring.

10. (Amended) Apparatus as claimed in ~~any preceding claim 1~~, wherein at least said sensor element comprises a section cut from said pipe.